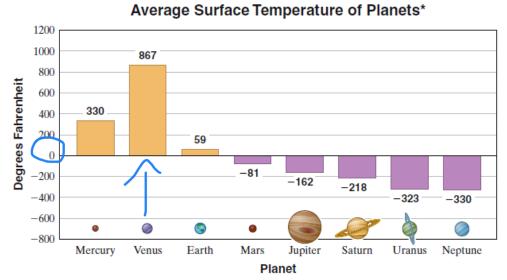
2.1 Objective F: Read Bar Graphs Containing Integers.



Source: The World Almanac, 2009

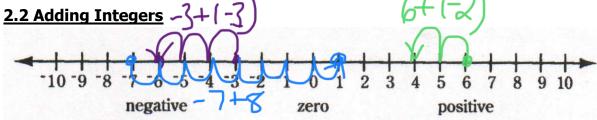
Ex 6. Use the bar graph to answer the question.

• Which planet has the highest average daytime surface temperature?



Group Reviews, pg. 104 #2, 26, 24, 30, 48, 52, 56, 68, 90

^{*} For some planets, the temperature given is the temperature where the atmospheric pressure equals 1 Earth atmosphere.



Ex. 1.
$$6 + (-2) =$$

Ex. 2.
$$-3+(-3)=\frac{-6}{10}$$
 Adding negative

Ex. 3.
$$-7 + 8 =$$

2.2 Objective A: Add Integers.

Adding Two Numbers with the **Same Sign**

Step 1: Add their values.

Step 2: Use their common sign.

Ex. 4. Add.



Adding Two Numbers with **Different Signs**

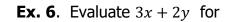
Step 1: Find the bigger absolute value minus the smaller absolute value.

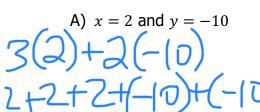
Step 2: Use the <u>Sign</u> of the number with the larger absolute value as the sign of the sum.

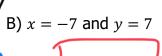
Ex. 5. Add.



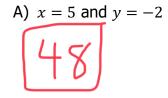
2.2 Objective B: Evaluate an Algebraic Expression by Adding.







Ex. 7. Evaluate 10x + y for



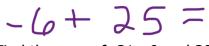
B)
$$x = -6$$
 and $y = -15$

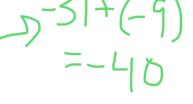
2.2 Objective C: Solve Problems by Adding Integers.

Translate each phrase; then simplify

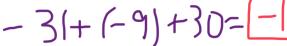
Ex. 8. addition

• Find the sum of -6 and 25.

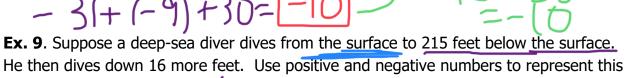




• Find the sum of -31, -9 and 30



situation. Then find the diver's present depth.



-215, -16-231

feet below the surface.

